## pH/ORP

# Mi150

## pH/Temperature Laboratory Bench Meter

Mi150 is an advanced pH/Temp microprocessor-based bench meter. It is ideal for students and technicians who need fast and reliable measurements.

This meter is provided with a series of new diagnostic features which add an entirely new dimension to the measurement of pH, by allowing the user to dramatically improve the reliability of the measurement:

- Automatic Temperature Compensation (ATC) for good accuracy under fluctuating temperatures;
- Easy to read large custom LCD;
- Easy and Quick Push-button Calibration
- 7 memorized buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 and 12.45) for calibration;
- Messages on the LCD to make the calibration easy and
- User-selectable "calibration time out" to remind when a new calibration is necessary;

Stability Indicator prompts whenever reading stabi-

Moreover, it offers an extended temperature range from -20°C (-4°F) to 120°C (248°F), using the MA831R interchangeable temperature probe.



Specifications		Mi150
Range	pH	-2.00 to 16.00 pH
	Temp	-20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	pH	0.01 pH
	Temp	0.1°C (0.1 °F)
Accuracy	рН	±0.01 pH
(@20°C / 68°F)	Temp	±0.4°C / ±0.8°F
Typical EMC	рН	±0.02 pH
Deviation	Temp	±0.4°C / ±0.8°F
pH Automatic Calibration		1 or 2 point-calibration, with 7 memorized buffers
Offset Calibration		±1 pH
Slope Calibration		from 80 to 108%
Temperature Compensation		automatic, from -20.0 to 120.0°C / -4.0 to 248.0°F
		or manual, without temperature probe
pH Electrode		MA917B/1 (included)
Temperature Probe		MA831R (included)
Environment		0 to 50°C / 32 to 122°F; max RH 95%
Input Impedance		10 <sup>12</sup> Ohm
Power supply		12 VDC power adapter (included)
Dimensions		230 x 160 x 95 mm
Weight		0.9 kg

## **Accessories**

MA9001 pH 1.68 buffer solution, 230 mL bottle MA9004 pH 4.01 buffer solution, 230 mL bottle MA9006 pH 6.86 buffer solution, 230 mL bottle MA9007 pH 7.01 buffer solution, 230 mL bottle pH 9.18 buffer solution, 230 mL bottle MA9009 pH 10.01 buffer solution, 230 mL bottle MA9010 MA9012 Refilling solution for double junction electrode, 230 mL bottle

Electrode storage solution, MA9015

230 mL bottle



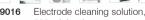












230 mL bottle MA9112 pH 12.45 buffer solution, 230 mL bottle

12 VDC Adapter, 220 V 12 VDC Adapter, 110 V MA9310 MA9311 MA9315 Electrode Holder

MA917B/ Glass body, double junction refillable pH electrode

Temperature probe MA831R

### **Glass Electrode** & Temperature **Probe**

Choose from our wide selection of pH and ORP electrodes at pages 6 and 49.

#### **Innovative Design**

Compact-size ergonomic design with electrode holder that can hold multiple electrodes & probes



### **Ordering Information**

Mi150 is supplied complete with:

- MA917B/1 Double junction refillable pH electrode
- MA831R Temperature Probe
- MA9315 Electrode Holder
- M10004 pH 4.01 Sachet Buffer Solution M10007 pH 7.01 Sachet Buffer Solution
- M10010 pH 10.01 Sachet Buffer Solution
- M10016 Sachet Electrode Cleaning Solution
- Graduate Pipet
- 12 VDC Adapter
- Instruction manual

